

2

SWALLOW. AN ALMANACK

for the Year of our
LORD GOD

1670.

Being the Second after Bissextile or Leap Year:
and from the Worlds Creation
5674.

Calculated properly for the Meridian
of the University and Town of
CAMBRIDGE:

Where the Pole is elevated 52 de-
grees and 17 min. above the Horizon.

Omnia falce metit Tempus.

CAMBRIDGE:
Printed by John Hayes, Printer to
the University. 1670.

Swallow, 1670.

A Table of the hour and minute of Sun-rising every second day.

days	Januar.	Februar	March	April	May	June
	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. m.	ho. mi.
2	8 4	7 15	6 16	5 14	4 21	3 46
4	8 1	7 11	6 12	5 10	4 17	3 41
6	7 58	7 7	6 8	5 6	4 14	3 44
8	7 56	7 3	6 4	5 2	4 11	3 43
10	7 53	6 57	6 0	4 58	4 7	3 43
12	7 51	6 53	5 56	4 54	4 5	3 43
14	7 48	6 50	5 52	4 50	4 2	3 43
16	7 45	6 46	5 48	4 46	4 0	3 44
18	7 43	6 42	5 44	4 43	3 58	3 45
20	7 40	6 38	5 40	4 39	3 56	3 46
22	7 37	6 34	5 36	4 35	3 54	3 47
24	7 33	6 30	5 32	4 32	3 52	3 48
26	7 29	6 26	5 29	4 29	3 50	3 49
28	7 25	6 22	5 25	4 25	3 48	3 50
30	7 21	6 0	5 21	4 22	3 47	3 51

days	July	August	Septem.	Octob.	Nov.	Decem.
	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. m.	ho. mi.
2	3 54	4 39	5 39	6 41	7 37	8 15
4	3 56	4 43	5 42	6 45	7 40	8 15
6	3 58	4 46	5 46	6 49	7 44	8 16
8	4 0	4 50	5 50	6 52	7 47	8 17
10	4 3	4 54	5 54	6 56	7 51	8 17
12	4 6	4 58	5 58	7 0	7 54	8 17
14	4 8	5 2	6 2	7 4	7 57	8 17
16	4 11	5 6	6 6	7 8	7 59	8 16
18	4 15	5 10	6 11	7 12	8 1	8 15
20	4 18	5 14	6 15	7 15	8 3	8 15
22	4 21	5 18	6 20	7 19	8 5	8 14
24	4 24	5 21	6 24	7 22	8 7	8 13
26	4 27	5 25	6 28	7 25	8 9	8 10
28	4 30	5 29	6 32	7 29	8 11	8 9
30	4 34	5 32	6 36	7 32	8 13	8 7

Seek the day on the side; and right against it, in every moneth, you have the hour and minute of Sun-rising.

Swallow, 1670.

A Table of the ho. and min. of Sun-setting every 2^d day of the year.

	Januar	Februa.	March	April	May	June
	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.
1	3 56	4 45	5 44	6 46	7 39	8 14
4	3 59	4 49	5 48	6 50	7 43	8 15
6	4 2	4 53	5 52	6 54	7 46	8 16
8	4 4	4 57	5 56	6 58	7 49	8 17
10	4 7	5 3	6 0	7 2	7 53	8 17
12	4 9	5 7	6 4	7 6	7 55	8 17
14	4 12	5 10	6 8	7 10	7 58	8 17
16	4 15	5 14	6 12	7 14	8 0	8 16
18	4 17	5 18	6 16	7 17	8 2	8 15
20	4 20	5 22	6 20	7 21	8 4	8 14
22	4 23	5 26	6 24	7 25	8 6	8 13
24	4 27	5 30	6 28	7 28	8 8	8 12
26	4 31	5 34	6 31	7 31	8 10	8 11
28	4 35	5 38	6 35	7 35	8 12	8 10
30	4 39	0 0	6 39	7 38	8 13	8 8
	July	August	Septem.	October	Novem	Decemb
	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.
1	8 6	7 21	6 21	3 19	4 13	3 45
4	8 4	7 17	6 18	3 15	4 20	3 45
6	8 2	7 14	6 14	3 11	4 16	3 44
8	8 0	7 10	6 10	3 8	4 13	3 43
10	7 57	7 6	6 6	3 4	4 9	3 43
12	7 54	7 2	6 3	3 0	4 6	3 43
14	7 52	6 58	5 58	4 56	4 3	3 43
16	7 49	6 54	5 54	4 52	4 1	3 44
18	7 45	6 50	5 49	4 48	3 59	3 45
20	7 42	6 46	5 45	4 45	3 57	3 45
22	7 39	6 42	5 40	4 41	3 55	3 46
24	7 36	6 39	5 36	4 38	3 53	3 48
26	7 33	6 35	5 32	4 35	3 51	3 50
28	7 30	6 31	5 28	4 31	3 49	3 51
30	7 26	6 28	5 24	4 28	3 47	3 53

Swallow, 1670.

The Golden Number this year is 18
The Cycle of the Sun 27. The Epact 18

This year is also from	The Creation of the World	5674
	The Flood of Noah	4017
	The coming of Israel out of Egypt	3165
	The building of York	2657
	The building of Rome	2422
	The burning of Solomons Temple	2257
	The building of Cambridge	1970
	The Baptisme of Christ	1643
	The Death of Christ	1640
	The destruction of Jerusalem	1600
	The making of Cambridge an University	1033
	The Conquest of England by Duke William	604
	The Powder Treason, November 5.	65

And Note that on the 30th of *Jan*, the 22th year of our Sov. Lord
K. Charles the II beginneth. Whom God grant long to reign. Amen.

The Anatomy of Mans body.

Y Head and face.



January hath xxxi days.

Last quarter the 4 day, 28 min. past 9 in the morn.
 New moon the 11 day, 39 min. past 1 after noon.
 First quarter the 18 day, 14 min. past 5 in the morn.
 Full Moon the 25 day, 48 min. past 8 at night.

1	a	Circ. of Chr.	21	45	Virgo	20	Δ ○ ☾
2	b	1 sun. aft. Chr.	22	46	Libra	2	Cold wind
3	c	Octab. John	23	47		13	some snow
4	d	Octab. Inno.	24	48		26	with Δ h ☾
5	e	Simeon	25	49	Scorp.	8	freezing air
6	f	Epiphany	26	51		20	* ♂ ♀
7	g	Julianus	27	52	Sagit.	4	Q ○ ♂
8	a	Lucian mart	28	53		17	☐ ♀ ☾ Rain.
9	b	1 aft. Epiph.	29	54	Capr.	1	♂ ♀ ☾
10	c	Sun in Aquar.	30	5		16	♂ ♀ ☾
11	d	Begins	1	6	Aquar.	1	♂ ☐ ☾
12	e	Archadius	2	7		16	Frost and
13	f	Hilary Bish.	3	58	Pisces	1	snow.
14	g	Felix	4	9		16	Snow or rain.
15	a	Margriting	6	1	Aries	0	Fair and
16	b	2 aft. Epiph.	7	2		14	clear.
17	c	Anthony	8	3		28	Windy.
18	d	Optica mart.	9	3	Taur.	12	* ♀ ☾
19	e	Wolfstan bish.	10	4		26	* ♀ ☾
20	f	Octab. Hilar.	11	5	Gem.	9	Very windy and
21	g	Agnes	12	6		21	Δ h ☾ cold.
22	a	Clement	13	7	Canc	4	Fair and
23	b	3 aft. Epiph.	14	8		16	good.
24	c	Term begins	15	9		29	Wind with
25	d	Conv. of Paul	16	10	Leo	11	snow, rain
26	e	Polycarpus	17	11		23	or hail.
27	f	Quind. Hilar.	18	11	Virgo	5	* ♀ ☾ Mild
28	g	Agnes II.	19	12		16	☐ ♀ ♀ air.
29	a	Valerius b.	20	13		28	* ♂ ☾
30	b	K. Charles M.	21	14	Libra	10	Septuagesima
31	c	Saturnine.	22	14		22	Some storms.

February hath xxviii days.

Last quarter the 3 day, 3 min. past 3 in the morning.

New moon the 9 day, 59 min. past 11 at night.

First quarter the 16 day, 6 min. past 5 at night.

Full moon the 24 day, 4 min. past 4 at night.

1	d	Widget Fast	23	15	Scorp.	4	Δ	2	Δ	Dry
2	e	Purif. of M.	24	15		17	wind.			
3	f	Craft. Purif.	15	16		29	Snow or			
4	g	Teronica.	26	17	Sagit.	12	rain.			
5	a	Agatha	27	17		26	Frost and snow			
6	b	Sexagesima	28	18	Capr.	10	or rain.			
7	c	Ingulus	29	18		24				
8	d	Sun in Pisces	0	X	19	Aquar.	9	* 2	C	
9	e	Ozob. Purif.	1	19		24	Snow or			
10	f	Scholastic.	2	19	Pisces	9	rain.			
11	g	Euphrosina.	3	20		24	Rain-like.			
12	a	Term ends	4	20	Aries	9	Δ 8	C		
13	b	Shrove-lund.	5	20		24	Moult but			
14	c	Valentine m.	6	21	Taur.	8	warm for the			
15	d	Faustine	7	21		22	time.			
16	e	Ashwednesd.	8	21	Gem.	5	8 8	C		
17	f	Constant.	9	21		18	* 2	C		
18	g	Concordia.	10	21	Canc.	1	Wind, wet,			
19	a	Sabine.	11	21		13	Δ 6	C		
20	b	Quadragesim.	12	22		26	Variable.			
21	c	69 Martyrs	13	22	Leo	8	Δ 8	C		
22	d	Cath. Det.	14	22		20				
23	e	Emb. w. Fast	15	22	Virg.	1	Cold air.			
24	f	Matthias Ap.	16	22		13	Cloudy cool			
25	g	Constance b.	17	22		15	air or hail.			
26	a	Alexander b.	18	22	Libra	7	Winds high.			
27	b	2 fund. in lent	19	22		19	Ordination,			
28	c	Oswald bish.	20	22	Scorp.	1	Showers.			

March hath xxxi days.

Last quarter the 4 day, 5 min. past 5 after noon.
 New moon the 12 day, 21 min. past 9 in the morn.
 First quarter the 18 day, 6 min. past 7 in the morn.
 Full moon the 26 day, 11 min. past 11 before noon.

1	D	David bish.	11	21	Scorp.	13	T d ♂ ♀
2	E	Chad. bish.	22	20		26	Cloudy and
3	F	Eutropius	23	20	Sagit.	8	cool.
4	G	Adrian.	24	20		21	Some storms.
5	A	Ensebius	25	19	Capr.	4	Wind.
6	B	3 sund. Lent	26	19		18	
7	A	Perpetua	27	18	Aquar.	3	Rain-like.
8	D	Mauritan m.	28	18		17	Windy.
9	E	Agapite	29	17	Pilces	2	Cloudy, cool.
10	F	Sun in Aries	0	17		17	☐ ☾ ♂
11	G	Quirion.	1	16	Aries	2	Moist wind
12	A	Gregory	2	15		17	☐ ♂ ☾
13	B	Midlent sund.	3	15	Taur.	2	Fair and tem-
14	C	Candid. m.	4	14		17	perate.
15	D	Longinus.	5	13	Gem.	1	☐ ♀ ☾
16	E	Cyriacus	6	13		14	Very windy
17	F	Gertrude	7	12		27	weather.
18	G	Gabriel	8	11	Canc.	10	Fair and
19	A	Joseph	9	10		22	good.
20	B	5 sund. Lent	10	9	Leo	5	☐ ♀ ☾
21	C	Benedict	11	8		16	Good
22	D	Aphrodisius	12	7		28	weather.
23	E	Theodose	13	6	Virg.	10	☐ ♀ ☾
24	F	Quir. Fast	14	5		22	Wind and
25	G	Annum. Mary	15	4	Libra	16	clouds.
26	A	Castulus	16	3		28	☐ ☐ ☾
27	B	Palm sunday	17	2		28	☐ ♀ ☾
28	C	Dorothea virg	18	0	Scorp.	10	☐ ♀ ☾ Rain
29	D	Eustach	18	59		23	☐ ♀ ☾ or
30	E	Guido	19	58	Sagit.	5	☐ ♀ ☾ clouds.
31	F	Balbina	20	56		18	☐ ♀ ☾

April hath xxx days.

Last quarter the 3 day, 54 min. past 2 in the morn.
 New moon the 9 day, 10 min. past 6 at night.
 First quarter the 16 day, 59 min. past 0 at night.
 Full moon the 23 day, 16 min. past 2 in the morning.

1	g	Theodosius	21	53	Capr.	1	Good Friday.
2	n	Op. Eg. Past	22	54		15	The weather
3	B	Easter day	23	52		28	not like to be
4	c	Ambrose bish	24	51	Aquat.	12	much amiss this
5	d	Vincentius	25	49		26	Easter.
6	e	Sixtus bish.	26	48	Pisces	15	Δ 4 C
7	f	Celestinus	27	46		26	Very windy.
8	g	Egeppus	28	45	Aries	15	Fair.
9	n	Perpet. bish.	29	43		26	Rain.
10	B	Low sunday	30	41	Taur.	10	* 4 C
11	c	Leo Papa	1	40		25	Storms of hail
12	d	Julius	2	38	Gem.	9	or rain.
13	e	Justinus	3	36		23	Indifferent.
14	f	Eburdis	4	34	Canc.	6	Cold and
15	g	Dlymp.	5	33		19	windy.
16	n	Yudoz bish.	6	31	Leo	1	Some rain.
17	B	1 sun aft. East.	7	29		13	Δ 4 C
18	c	Quind. Pasch.	8	27		25	Fine pleasant
19	d	Sulpitius	9	25	Virgo	7	weather.
20	e	Term begins	10	23		19	Very good
21	f	Sim. episc.	11	21	Libra	0	still.
22	g	Sother virg.	12	19		12	Δ 4 C
23	n	Geo ge mart	13	17		25	Cold rain.
24	B	3 after Easter	14	15	Scorp.	7	Temperate.
25	c	Mark Evang	15	13		19	Wind and
26	d	Cletus B.	16	11	Sagit.	2	showers.
27	e	Anastasiu	17	8		15	Some wind.
28	f	Vitalis	18	6		28	Clouds.
29	g	Sibylla	19	4	Capr.	12	Temperate.
30	n	Wenew. Fast	20	2		25	Scarce fair.

May hath xxxi days.

Last quarter the 2 day, 56 min. past 9 before noon.
 New Moon the 9 day, 9 min. past 3 in the morning.
 First quarter the 16 day, 6 min. past 4 afternoon.
 Full moon the 24 day, at 3 after noon.
 Last quarter the last day, 4 min. past 3 after noon.

1	Phil. & Jam	20	59	Aquar.	9	Wind, the first
2	Mens. Pasch.	21	57		21	and fourth
3	Invent. Crucis	22	55	Pisces	7	day.
4	Florianus	23	52		21	* ♃ ♀
5	Gothard	24	50	Aries	5	Warm weather.
6	Joh. Port. Lat.	25	48		20	Scarce fair.
7	Joh. of Heb.	26	45	Taur.	4	Like to hail.
8	Rogat. fund.	27	43		19	Some wind.
9	Quinq. Pasch.	28	40	Gem.	3	Cloudy and
10	Pancratius	29	38		17	cold air.
11	Sun in Gem.	0II	35	Canc.	1	Hotter weather.
12	Ascension d.	1	33		14	Fair and good.
13	Craft. Ascen.	2	30		27	* ☉ ☾
14	Fortunatus	3	28	Leo	9	Wind and
15	6 after Easter	4	25		21	thunder.
16	Term ends.	5	22	Virgo	3	Δ ☿ ☾
17	Jedocus	6	20		13	Pleasant.
18	Potentius	7	17		27	Obscure air.
19	Dunst. arch.	8	14	Libra	9	Thunder-like.
20	Anastatus	9	12		21	Fair and good.
21	Gerbul. Fast	10	9	Scorp.	3	Rain-like.
22	Whitsunday.	11	6		15	A very pleasant
23	Desiderius	12	4		28	season this
24	Serr. Mart.	13	1	Sagit.	11	Whitsuntide,
25	Ember week	13	58		24	till towards the
26	Augustine	14	55	Capr.	8	Moneths end.
27	Wede	15	52		21	Fair and good.
28	German b.	16	50	Aquar.	5	Wind & thund.
29	K. Charl. ret.	Ordin.				Trinity sunday
30	Wigandus	18	44	Pisces	3	Craft. Trin.
31	Petronella	19	41		18	Storms these d.

June hath xxx days.

New moon the 7 day, 7 minutes past noon.

First quarter the 15 day, 35 min. past 9 before noon.

Full moon the 23 day, 24 min. past 1 in the morning.

Last quarter the 29 day, 57 min. past 7 at night.

1	o	Nichomede	10	38	Aries	1	☐ ♂ ☾
2	f	Marcellinus	11	35		16	Moist mixed
3	g	Term begins	21	33	Taur.	20	weather.
4	a	Petrocius	23	30		14	Temperate
5	B	1 aft. Trin.	24	27		28	
6	c	Octab. Trin.	25	24	Gem.	12	Cloudy
7	d	woifstan tr.	26	21		26	windy
8	e	Wedard	27	18	Canc.	9	air.
9	f	Delagis	28	15		22	Wind or rain.
10	g	Onophr.	29	12	Leo	4	
11	a	S. Barnabas	05	9		17	Hot and
12	B	2 aft. Trin.	1	7		29	Thunder.
13	c	Quind. Trin.	2	4	Virg	17	Cloudy.
14	d	Wast bish.	3	1		23	Fair and hot
15	e	Valerius	3	58	Libra	15	weather.
16	f	Roswland	4	55		16	☐ ♀ ☾
17	g	Alban mart.	5	52		28	* ♂ ☾
18	a	Marcus	6	49	Scorp	11	Δ ♀ ☾
19	B	3. aft. Trin.	7	46		23	Stormy weath.
20	c	Edw. R. tr.	8	43	Sagit.	6	Tres Trin.
21	d	Walburge v.	9	40			
22	e	Term ends	10	37	Capr.	18	Thund. & rain.
23	f	Etheld. Fast	11	34		17	Fair and good
24	g	John Baptist	12	31	Aquar.	1	weather.
25	a	Eop. bish. tra.	13	28		15	
26	B	4 after Trin.	14	25	Pisces	0	Rain.
27	c	Crescens m.	15	23		14	Δ ☉ ☾
28	d	Res bish. Fast	16	20		28	Fair and hot
29	e	Peter Apost.	17	17	Aries	12	Δ ♀ ☾
30	f	Com. of Paul	18	14		26	weather.

July hath xxxi days.

New moon 7 day, 26 min. before 1 in the morn.
 First quarter the 15 day, 26 min. past 2 in the morn.
 Full moon the 22 day, 19 min. past 10 before noon.
 Last quarter the 29 day, 42 min. past 1 in the morn.

1	g	Theobald.	19	11	Taur.	10	* h C
2	a	Witt. Mary	20	1		24	Turbulent
3	B	6 after Trin.	21	5	Gem.	8	weather.
4	c	Martin tra.	22	2		21	Cool and moist
5	d	Isidore.	22	59	Canc.	4	Δ h C
6	e	Heob.	23	57		17	Hot fine fair
7	f	Wierhet	24	54	Leo	0	weather
8	g	Chilianus	25	51		13	for many
9	a	Cyrbith.	26	48		25	days
10	B	6 after Trin.	27	45	Virg.	7	Cloudy.
11	c	Stus	28	43		19	□ g C
12	d	Henricus	29	40	Libra	1	* u C
13	e	Sun in Leo	0	37		13	Δ ♀ C
14	f	Monatent.	1	34		24	Hot and
15	g	S. Swithin	2	32	Scorp.	6	dry
16	a	Olmond	3	29		19	wind
17	B	7 after Trin.	4	26	Sagitt.	1	Hot weather
18	c	Rosina	5	23		14	still
19	d	Dog days beg.	6	21		27	♂ ♂ ♀
20	e	Margaret	7	18	Capr.	11	Thund. storms.
21	f	Arbogastus	8	15		25	Hot and
22	g	Mary Mag.	9	13	Aquar.	10	windy
23	a	Apollin. Fast	10	10		24	Very good
24	B	8 after Trin.	11	8	Pisces	9	weather till
25	c	James Apol.	12	5		24	about the
26	d	S. Anne	13	3	Aries	9	moneths end.
27	e	Martha	14	0		23	□ ♀ C
28	f	Danthaleon	14	57	Taur.	7	* ♀ C
29	g	Beatrix	15	55		21	□ ○ C
30	a	Abdon	16	53	Gem.	4	Moist air.
31	B	9 after Trin.	17	50		18	Hot weather.

August hath xxxi days.

New moon the 5 day, 9 min. past 1 after noon.

First quarter the 13 day, 7 min. past 6 at night.

Full moon the 20 day, 28 min. past 6 at night.

Last quarter the 27 day, 46 min. past 9 in the morn.

1	c	Lammas day.	18	48	Canc.	1	Hot with rain
2	d	Stephanus	19	45		14	at night.
3	e	Dominicus	20	43		26	Windy, but
4	f	Brissarchus	21	41	Leo	9	hot weather.
5	g	Okwaldus	22	38		21	△ ♂ ☾
6	a	Transfigurat.	23	36	Virg.	3	Cloudy.
7	b	10 after Trin.	24	34		15	West wind.
8	c	Spiritus	25	32		27	Fair and
9	d	Romanns	26	29	Libra	9	good.
10	e	S. Asopence	27	27		21	Thunder or
11	f	Cibartius	28	25	Scorp.	3	great heat.
12	g	Clare	19	23		15	△ ♀ ☾
13	a	Sun in Virgo	ony	21		27	☐ ⊙ ☾
14	b	11 after Trin.	1	19	Sagit.	9	Fair and
15	c	A slump of M.	2	17		22	good.
16	d	Roch	3	15	Capr.	5	Thunder-like.
17	e	Mammes	4	13		19	Overcast and
18	f	Helena	5	11	Aquar.	3	sultry air.
19	g	Sebaldus	6	9		18	SS ♀ ♀.
20	a	Aenes bish.	7	7	Pisces	3	Cloudy, scarce
21	b	12 aft. Trin.	8	5		18	fair.
22	c	Symphon.	9	3	Aries	3	Windy cool
23	d	Zecheus Fast	10	1		18	and cloudy
24	e	Barthol. Ap.	11	0	Taur.	3	Cold dew.
25	f	Andobicus	11	58		17	△ ⊙ ☾
26	g	Freneus	12	56	Gem.	1	* ♀ ☾
27	a	Dog days end	13	55		15	♂ ♀ ♀
28	b	13 after Trin.	14	53		28	High winds
29	c	Decol. J. B.	15	51	Canc.	11	raising wet.
30	d	Felix Bresh.	16	50		23	* ♀ ☾
31	e	Paulinus	17	48	Leo	6	Windy storms.

September hath xxx days.

New moon the 4 day, 55 min. past 5 in the morn.
 First quarter the 12 day, 5 min. past 8 in the morn.
 Full moon the 19 day, 39 min. past 2 in the morn;
 Last quarter the 25 day, 3 min. past 9 at night.

1	f	Giles Ab.	18	47	Leo	18	T d ☉ ♂
2	g	Geronica	19	45	Virg.	0	Warm weath.
3	a	Gerapia	20	44		12	△ ♂ ☾
4	B	14 after Trin.	21	43		24	West wind.
5	c	Bertine Ab.	22	42	Libra	6	☐ ♂ ☾ Warm
6	d	Magnus	23	40		18	weather still
7	e	Eutuchus	24	38	Scorp.	0	for many
8	f	Nat. of Mary	15	37		12	days.
9	g	Gorgonius	26	36		24	* ☉ ☾
10	a	Silbins bish.	27	35	Sagit.	6	Fair windy
11	B	15 after Trin.	28	34		18	weather.
12	c	Martintan	29	33	Capr.	1	* h ☾
13	d	Sun in Libra	c=	31		14	Warm South
14	e	Holy Cross d.	1	30		28	wind.
15	f	Pichomedes	2	29	Aquar.	12	Fair and good.
16	g	Euphemis	3	28		26	Rain and
17	a	Lambert	4	27	Pisces	11	clouds.
18	B	16 after Trin.	5	27		26	Temperate.
19	c	Januarius	6	26	Aries	12	Wind and
20	d	Emb. w. Fast	7	25		27	clouds.
21	e	Matthew Ap.	8	24	Taur.	12	Good △ ♂ ☾
22	f	Mauritius	9	23		26	weather.
23	g	Eldeas	10	23	Gem.	10	Showers.
24	a	Samuel	11	22		24	△ ♀ ☾
25	B	Ordination	12	21	Canc.	7	* ♀ ☾ Fair
26	c	S. Cyprian.	13	21		20	and windy
27	d	Cosm. Dam.	14	20	Leo	3	weather.
28	e	Crup. Fast	15	20		15	Fair and
29	f	Michael Arch.	16	19		27	good still.
30	g	S. Hierom	17	19	Virgo	9	Rain-like.

October hath xxxi days.

New moon the 3 day, 15 min. past 11 before noon.
 First quarter the 11 day, about 8 at night.
 Full moon the 18 day, 49 min. past 11 before noon.
 Last quarter the 25 day, 17 minutes past noon.

1	a	Remigius	18	18	Virg.	21	Temperate
2	b	18 after Trin.	19	18	Libra	3	weather.
3	c	Candidus	20	17		15	Great
4	d	Francis	21	17		27	winds ☐ 14 ☐
5	e	Apolline	22	17	Scorp.	9	this week.
6	f	Faith virg.	23	16		21	* ☉ ☾
7	g	Marcellus	24	16	Sagit.	3	Cloudy air.
8	a	Delagla	25	16		15	Rain.
9	b	19 after Trin.	26	16		28	Fairer
10	c	Gerion	27	16	Capr.	11	weather
11	d	Nicholas b.	28	16		24	follows:
12	e	Wolfride B.	29	16	Aqua.	7	☐ ☉ ☾
13	f	Sun in Scorp	om	16		21	Turbulent
14	g	Calixtus	1	16	Pisces	5	air.
15	a	Hyde wige	2	16		20	☐ ☉ ☾
16	b	20 after Trin.	3	16	Aries	5	Somerain,
17	c	Florentius	4	16		20	but pretty
18	d	Luke Evang.	5	16	Taur.	5	milde and
19	e	Ptolome	6	16		20	warm.
20	f	Tres Mich.	7	17	Gem.	5	Flying clouds.
21	g	Ursula	8	17		19	* ☉ ☾
22	a	Corbula	9	17	Canc.	3	Very windy
23	b	21 after Trin.	10	17		16	and stormy.
24	c	Term begins	11	18		29	☐ ☉ ☾
25	d	Celsinus	12	18	Leo	12	Cold days
26	e	Anandus	13	19		24	about this
27	f	Mem. M. Fast	14	1	Virg.	5	time.
28	g	Simon & Jude	15	19		18	* ☉ ☾
29	a	Marcellus	16	20	Libra	0	Windy and
30	b	22 after Trin.	17	21		11	warmer.
31	c	Quintin. Fast	18	21		23	Rain at night.
















November hath xxx days.

New moon the 1 day, 10 min. past 5 at night.
 First quarter the 4 day, 12 min. past 6 in the morn.
 Full moon the 16 day, 36 min. past 10 at night.
 Last quarter the 24 day, 31 min. past 7 in the morn.

1	d	All Saints	19	21	Scorp.	5	Indifferent till
2	e	All souls	20	22		17	the third day.
3	f	Craft. anim.	21	23	Sagit.	6	Cold wet
4	g	Modestine	22	24		12	and windy.
5	a	Powder treas.	23	24		25	More milde
6	B	3 aft. Trin.	24	25	Capr.	7	weather.
7	c	Willibrod	25	26		21	* ☉ ☾
8	d	Claudian	26	27	Aquar.	4	Scaree
9	e	Theodorus	27	27		17	fair.
10	f	Crastus	28	28	Pisces	1	Snow or rain.
11	g	Martin bish.	29	29		15	Some wind.
12	a	Sun in Sagit.	30	30		29	Craft. Marr.
13	B	24 aft. Trin.	1	31	Aries	14	Δ ♀ ☾
14	c	Erkenw. tr.	2	32		29	Milde but
15	d	Leopoldus	3	33	Taur.	13	moist and
16	e	Edmund dep	4	34		28	windy, if not
17	f	Anianus	5	35	Gem.	13	snow at
18	g	Ab. Mart.	6	36		27	last.
19	a	Elizabeth	7	37	Canc.	11	Δ ♀ ☾
20	B	25 aft. Trin.	8	38		29	Δ ♀ ☾
21	c	Oblat. Mary	9	39	Leo	7	Δ ☉ ☾
22	d	Cecilia virg.	10	40		26	☐ ♀ ☾ wet
23	e	Clemens	11	41	Virg.	3	weather.
24	f	Chyptolog.	12	42		14	☐ ☉ ☾
25	g	Quod. Mart.	13	43		26	* ♀ ☾
26	a	Conradus	14	44	Libra	8	Temperate.
27	B	Advent Sund.	15	45		20	Like to
28	c	Term ends	16	46	Scorp.	2	freez.
29	d	Saturn. Fast	17	48		14	Windy.
30	e	Andrew Ap.	18	49		26	Rain or snow.

December hath xxxi days.

New moon the 2 day, 13 min. past 10 before noon.
 First quarter the 9 day, 14 min. past 3 after noon.
 Full moon the 16 day, 11 min. past 11 before noon.
 Last quarter the 24 day, 23 min. past 5 in the morn.

1	f	Eligius bish.	19	50	Sagit.	8	Cold storms
2	B	Candida	20	51		21	of snow or
3	a	Casstanns	21	53	Capr.	4	rain.
4	B	2 fund. Adv.	22	54		17	Milder
5	e	Sabina	23	55	Aquar.	1	weather.
6	d	Nicholaus	24	56		14	Cold wind.
7	e	Agathon	25	58		28	Increase of
8	f	Concep. of M.	26	59	Pisces	12	cold.
9	B	Joachim	28	0		26	  
10	a	Eulalia	29	1	Aries	19	Cold abated.
11	B	3 fund. Adv.	0	3		24	  
12	e	Epimachus	1	4	Taur.	8	Cold wind.
13	d	Lucy bish.	2	5		23	Fair.
14	e	Ember week	3	6	Gem.	7	Cloudy cool.
15	f	Valerian	4	8		21	Wind and
16	B	O Sapientia	5	9	Canc.	5	wet.
17	a	Lazarus	6	10		19	  
18	B	4 sun. in Adv.	7	12	Leo	2	Pretty & Ordin.
19	e	Demetrius	8	13		15	milde
20	d	Julius Fast	9	14		28	Wind and
21	e	Thomas Ap.	10	16	Virgo	10	wet.
22	f	Chiridontus	11	17		23	  
23	B	Victor bish.	12	18	Libra	4	Wind or rain.
24	a	Ed. & E. Fast	13	19		16	Fair and
25	B	Christmas d.	14	21		28	milde
26	e	S^t Stephen	15	22	Scorp.	10	Some wind.
27	d	S^t John Evan	16	23		23	Clear air.
28	e	Innocent	17	25	Sagit.	4	Overcast.
29	f	Tho. Becket	18	26		17	Storms & wind.
30	B	David R.	19	27		29	  
31	a	Silvester	20	28	Capr.	13	Wind & wet.

S W A L L O W.

the latter part of this
ALMANACK
for the Year of our
LORD GOD
1670.

Being the second after Bissextile, or
Leap-year, and from the Conquest
of *England* by *William Duke*
of *Normandy* 604.

Wherein we have divers things and
notes well worthy of Observation,
and not unfit for such
a Work.

C A M B R I D G E.

Printed by the Printers to the
University. 1670.

W. O. J. A. W. 8

the interest of the

20. A. K. A. M. d. A.

NO 70 169Y 280-701

FOR GOD

107

Being the location of the

1899-1900

WITNESSES

год рождения - 70

W. J. H. ...

Notes well worth a close examination

4102 762 7-15-76

210 W.

CMSS EIDG

Printed by the Government Printer, Wellington.

Order, 11/15/1914



SWALLOW 1670.

A most ready and plain Table to finde Easter day for ever, by the Golden Number, and Sunday letter.

G.N	A	B	C	D	E	F	G
i	Apr. 9	apr. 10	apr. 11	apr. 12	apr. 6	apr. 7	apr. 8
ii	Mar. 26	mar. 27	mar. 28	mar. 29	mar. 30	mar. 31	apr. 1
iii	Apr. 16	apr. 17	apr. 18	apr. 19	apr. 20	apr. 21	apr. 22
iv	Apr. 9	apr. 3	apr. 4	apr. 5	apr. 6	apr. 7	apr. 8
v	Mar. 26	mar. 27	mar. 28	mar. 29	mar. 30	mar. 31	apr. 1
vi	Apr. 16	apr. 17	apr. 18	apr. 19	apr. 20	apr. 21	apr. 22
vii	Apr. 2	apr. 3	apr. 4	apr. 5	apr. 6	mar. 31	apr. 1
viii	Apr. 23	apr. 24	apr. 25	apr. 26	apr. 27	apr. 28	apr. 29
ix	Apr. 9	apr. 10	apr. 11	apr. 12	apr. 13	apr. 14	apr. 15
x	Apr. 2	apr. 3	mar. 28	mar. 29	mar. 30	mar. 31	apr. 1
xi	Apr. 16	apr. 17	apr. 18	apr. 19	apr. 20	apr. 21	apr. 22
xii	Apr. 9	apr. 10	apr. 11	apr. 12	apr. 13	apr. 14	apr. 15
xiii	Mar. 26	mar. 27	mar. 28	mar. 29	mar. 30	mar. 31	apr. 1
xiv	Apr. 16	apr. 17	apr. 18	apr. 19	apr. 20	apr. 21	apr. 22
xv	Apr. 2	apr. 3	apr. 4	apr. 5	apr. 6	apr. 7	apr. 8
xvi	Mar. 26	mar. 27	mar. 28	mar. 29	mar. 30	mar. 31	apr. 1
xvii	Apr. 16	apr. 17	apr. 18	apr. 19	apr. 20	apr. 21	apr. 22
xviii	Apr. 2	apr. 3	apr. 4	apr. 5	apr. 6	apr. 7	apr. 8
xix	Apr. 23	apr. 24	apr. 25	apr. 26	apr. 27	apr. 28	apr. 29

¶ When ye have found the Dominical or Sunday letter in the uppermost line, guide your eye downward from the same, till you come right over against the Prime or Golden Number noted with these letters G. N. and there is shewed both what Moneth, and what day of the Moneth Easter falleth that year. As for Example: The Sunday letter this year (1670) is B. and the Golden Number 18. I finde B in the head of the Table, and guiding mine eye down that Column till I come right against 18 on the side under the title G. N.

B 2

I finde

Swallow 1670.

finde *Easter* Day to be *April* the third. The like method is to be observed for any other year.

And note, that when the Golden Number is either 5, 13, or 16, and the Dominical or Sunday Letter G, that then *Easter* day falleth on *March* 25, or our *Lady* day. But when the Golden Number is 8, and the Dominical letter C, then *Easter* day falleth on the 25th of *April*, or *S^t. Marks* day.

Note also that *Easter* day ever falleth between the 21th of *March*, and the 16th of *April*: but those two days are to be excluded; for it never falleth on them, but between them.

Of the Golden Number in more particular.

THE Golden Number is a Periodical revolution of 19 years, in which time all the Lunations or Aspects between the Sun and Moon return to the same place they were at 19 years before. Which is in a manner true, but not exactly so: for in 19 years there is an Anticipation of an hour and an half very near, wanting but 75 seconds; so that look what Conjunction happens this year in *Aries* at noon, will 19 years hence be an hour and an half before noon. This Circle is called *Decem-novenalis circuitus*; whose parts are called the Golden Number, because at the first they were written with Golden Characters in Tables of Silver, and so sent to *Rome*; or for that they came to be written in red or Golden Letters in the Kalender. Now to finde this Number, do thus. Add one to the year of the Lord in which you seek for it, and dividing the whole by 19, the remainder will be the Prime or Golden Number: or if nothing remain, then will 19 be that number.

Swallow 1670.

Of the Cycle of the Sun, and Dominical Letter, and how to finde them.

THE Cycle of the Sun is nothing else but a Revolution of 28 years, in which time the Dominical Letters make all their severall changes: and it is called the Cycle of the Sun, not for that it sheweth any motion of the Sun, but because by means thereof the Dominical (or Sunday) letter is always found: this Cycle comprehending all the varieties and changes the Sunday letter can have by reason of the Bissextile or Leap-year. Now to finde what this Cycle is in any year, add 9 to the year of the Lord in which you seek for it, and dividing the same by 28, the remainder will be the Cycle for that year: or if nothing remain, then you may conclude that the Cycle is 28.

And as for the Dominical Letter, it is always one of these seven letters; viz. A. B. C. D. E. F. G. which doth shew the Sunday letter, or day of the Sun all the year, unless it be in a Bissextile or Leap-year, for then there be two Dominical letters, the first whereof serveth for the time from the beginning of January to the Eve of S. Matthias, and the other to the years end.

A table for both these.

1 G.F	2 E	3 D	4 C	5 B.A	6 G	7 F	8 E	9 D.C
10 B	11 A	12 G	13 F.E	14 D	15 C	16 B	17 A.G	18 F
19 E	20 D	21 C.B	22 A	23 G	24 F	25 E.D	26 C	27 B
28 A	0	0	0	0	0	0	0	0

Swallow 1670.

Of the Prime.

THE Moon is said to be primed when she is three days and eighteen hours old, being then in her half quarter and four parts of the Compass Eastwards from the Sun. This is to be observed among the Countrey people as a Rule to guide them in weaning of Cattel.

Of S^t Matthias in the Leap-year.

IN every Leap-year the 24 and 25 days of February, in suits at Law, are to be accounted both as one. But for keeping of Fairs, those which use to be on the 24 must be kept on the 25, because S^t Matthias is not until the 25 when it is Leap-year.

The nature of the 12 signs and 7 Planets.

- { Signs hot and dry, be Aries, Leo, Sagittarius.
- { Signs cold and dry, be Taurus, virgo, Capricorn.
- { Signs wet and cold, be Cancer, Scorpio, Pisces.
- { Signs that be windy, are Gemini, Libra, Aquarius.
- { Aries, Taurus, Gemini, Cancer, Leo, Virgo, be Northern Signs.
- { Libra, Scorpio, Sagittarius, Capricorn, Aquarius, Pisces, be Southern signs.
- { Saturn is cold and dry, intemperate.
- { Jupiter is hot and moist, temperate.
- { Mars is hot and dry, intemperate.
- { The Sun is hot and dry, temperate.
- { Venus is cold and moist, temperate.
- { Mercury is variable, according to the nature of the Planet with which he is joyned or affected.
- { Luna, the Moon is cold and moist, intemperate.

anet
ccc-
ption

Note that a Planet in his house, or in reception of another Planet by house, hath 5 dignities. A Planet in his Exaltation, or in reception

Note that a Planet in his house, or in reception of another Planet by house, hath 5 dignities. A Planet in his Exaltation, or in reception

prior by Exaltation hath four. A Planet in his triplicity hath three dignities; in his Term, two; and in his Decanate, one.

Note also that a Planet in his Decanate hath five debilities; and in his Fall, four.

Of a Year.

IN all matters legal, the year begins not with us until the 25th day of *March*: so that the year which begins on the first of *January* is the *Julian* year, instituted by *Julius Cesar*. It hath in it 365 days and a quarter, 8765 hours. But the Leap-year hath 366 days, or 8784 hours.

Of a Day.

A Day, in all Legal or law matters, is accounted but from Sun to Sun: so that one, who hath a sum of money to pay on a set day by bond, need not render his money before or after Sun. This kinde of day is that which we call an Artificial day, but a day Natural is to be accounted from midnight to midnight, and so is the day reckoned for indictments of murder.

Of the Eclipses this Year.

Although there be four Eclipses this year, yet there will be but one of them visible to us in *England*, and that's an Eclipse of the Moon on the 19th of *September*.

It beginneth with us at *Cambridge* at 19 minutes past one a clock in the morning. The middle of it is at three quarters of an hour past two: and the end at 12 minutes past four. So that the whole time of it, from first to last, is two hours, and 13 minutes. And note that the parts or digits Eclipsed are nine with about 33 minutes more: the Sun being in the sixth of *Libra*, and the Moon in the sixth of *Aries*.

Spallum 1670.

Of Rain.

Rain is a cold vapour, and earthly humour, drawn from the earth and waters into the middle Region of the air, where (by the extremity of cold) it is thickened into the body of a cloud, and after (being dissolved) falleth upon the earth.

Of the Rain-bow.

Plmy saith the Rain-bow is made by the Sun-beams striking upon an hollow cloud, when the edge is repelled, and beaten back against the Sun; and thus appeareth variety of colours, by the mixture of clouds, air, and fiery light together.

Of Hail.

Hail is ingendred of Rain congealed into Ice, freezing the drops presently after the disjunction, where by we have great irregular stones (sometime four inches about, and oftner less) fall upon the earth. For the higher it cometh, and the longer it carrieth in the air before it come, the lesser and rounder it is.

Of Snow.

Snow is of the same humour that Hail is, but not congealed or grown together so hard. Pliny saith Hail sooner melts then Snow, and that Hail cometh oftner in the day then in the night. But live enough those Winters are best for the earth, and things growing thereon, which have most Snow in them.

Or rather thus. There is no great difference between the matter of Snow, and matter of Rain and Hail, excepting (as some think) that the vapour for snow is of an hotter quality then the vapour for Rain, and yet not so hot as that which is the material cause of Hail. For it is

a te:

a caner among Philosophers, that hot things being cooled are apter for congelation then cold; as is seen in warm Water, sooner frozen then that which never felt the fire.

Why Snow is white.

THe whiteness that is in Snow proceedeth not from its own proper colour, but rather it is in respect of those parts which are more airy then the rest: whereupon I finde some Authours who determine the cause thus; namely, that the White is by receiving the light into it at those many small parts; even as in froth and some is seen. For *Nix est spuma quadam*, Snow is a kinde of froth: and when it looseth part of its frothy nature, and begins to melt, it looseth also part of that whiteness which at the first it retained. To this also may be added the coldness that is infused into it when it is congealed, as being a cause of whiteness; even as in Phlegmatick bodies and cold Countreys may be seen: For such People are always whiter of complexion than others; cold being the cause of that their whiteness.

Of Dew.

Dew consisteth of a cold and moist vapour which the Sun draweth into the air: from whence, when it is somewhat thickned and condensed through cold of the night, and also of the place whither the Sun exhaleth it, it falleth down in very small and indiscernible drops, to the great refreshment of the earth. The morning and the evening are the onely times that it falleth, the Sun both positively and privatively causing it. Some dews are very bad both to corn and sheep: skilful Shepherds therefore will not drive out their sheep to feed till the wind or Sun have licked the tops of the Grass.

Of Mists.

THere be two kinds of Mists; the one ascending, the other descending: and so Dr Fulk observeth.

That which ascendeth goeth up out of the water or earth as smoke, but seldom spreads it self any thing far, being most of all seen about rivers and moist places.

The other (saith he) namely, that which descendeth or goeth down towards the earth, is when any vapour is lifted up into the air by heat of the Sun, which, not being strong enough to draw it so that the cold may knit it, suffereth it to fall down again after it is a little thickned; and so it filleth all the air with gross vapours, obscuring the Sun from shining on us.

Now this last kinde is either congealed, or incongealed. The congealed comes near to the nature of that matter whereof white Frosts consist, and is never but in a cold time. The incongealed are in warmer and more temperate Seasons, coming near the nature of that matter which is the matter of dew.

Some call this Meteor a steril vapour hanging near the earth, being neither moist enough to drop like rain, nor yet hot enough to be carried up on high into the air. Yet as steril as it is, sometimes we finde that it is but the forerunner of rain: For when it departeth, if it ascendeth, then rain followeth; if it descendeth, then expect a hot and fair day.

How the Heathen used to secure their fields from Hail and other harms.

THe ancient husbandmen among the Heathens (as *Cato* and *Pliny* mention) had certain charming verses to keep hail and other dreadful calamities from their Fields. They would also (as *Palladius* saith) take the skins of Crocodiles, Hyena's, or Sea-calves, and lay

lay them here and there about their Grounds; Or else they would have a Bloudy Axe lifted up in threatening manner against the Heavens; or else an Owl set staring up, with her feathers spread abroad. All which are but magical, devilish, and absurd practises: such as even an old dotting woman (whose confidence is in the sheers and the sieve) cannot but acknowledge to be void of any the least shew of reason: fit therefore for Heathens onely, and not for Christians. For let Christians know that there is a God above, who can better secure their Fields and other grounds, then all those Magick spells and foolish fopperies; as may be read at large in the 18th chapter of Deuteronomy. Let a Christian also add unto this the danger of devilish practices with the unlawfulness of Charms and Incantations. For there shall none such be found among you: All that do these things are an abomination to the Lord, Deut. 18. 10, 11, 12.

What the Jews use to do at the sight of the Rain-bow.

AS soon as they behold it (not daring to gaze upon it) they go presently forth and confess their sins, acknowledging that they are worthy to be destroyed with a Flood as the old World was; and in being spared they celebrate the mercy and clemency of God for sparing them. But this practice they stained with superstition, vainly perswading themselves that the word *Feboah* was engraven on the Bow: and therefore they turned away their eyes from it, as from the Majesty of God appearing there.

THE ancient Jews (as Josephus testifies) had certain customs and ceremonies which they used at the sight of the Rain-bow. They would also (as Plutarch relates) take notice of Comets, Eclipses, or set-calves, and

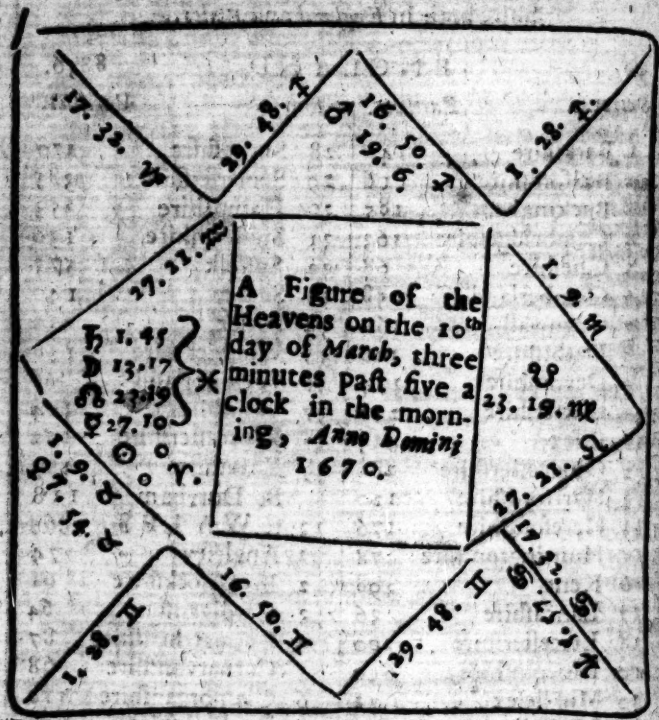
Swallow, 1670.

A table of all the Shires, together with the
number of Parishes contained in every
Shire both in England and Wales.

ENGLAND.		8856.	
Shires.	Parishes.	Shires.	Parishes.
1	Barkshire 140	28	Shropshire 170
2	Bedfordshire 116	29	Somersetshire 385
3	Buckingham 185	30	Hampshire 253
4	Cambridgeshire 163	31	Staffordshire 130
5	Cheshire 68	32	Suffolk 575
6	Cumberland 58	33	Surrey 140
7	Cornwall 161	34	Sussex 312
8	Darbishire 106	35	Warwickshire 158
9	Devonshire 394	36	Westmerland 26
10	Dorsetshire 248	37	Wiltshire 304
11	Essex 415	38	Worcestershire 152
12	Gloucestershire 280	39	Yorkshire 499
13	Hartfordshire 120		B. Durrham 118
14	Herefordshire 176	13	W A L E S 965
15	Huntingtonshire 78	1	Anglesey 74
16	Kent 398	2	Brecknockshire 61
17	Lancashire 36	3	Cardiganshire 64
18	Leicestershire 200	4	Carmarthenshire 87
19	Lincolnshire 630	5	Carnarvonshire 68
20	Middlesex 73	6	Clamorganshire 118
21	Norfolk 660	7	Denbighshire 57
22	Northamptonsh. 320	8	Flinthshire 28
23	Northumberland 168	9	Merionethshire 37
24	Northamptonshire 168	10	Monmouthshire 127
25	Oxfordshire 280	11	Mounegomery 47
26	Richmondshire 104	12	Pembrokeshire 145
27	Rutlandshire 47	13	Radnorshire 52
			The

Swallow 1670.

The Sun enters *Aries* this year on the tenth day of March, 3. min. past 5 in the morning.



The Sun enters *Cancer* on the eleventh day of June, 50 min. past 7 in the morning.

The Sun enters *Libra* on the twelfth day of September, at eleven a clock at night.

And last of all, the Sun enters *Capricorn*, on the eleventh day of December, 49 minutes past ten in the morning.

Swallow 1670.

**A Table of the Longitude and Latitude of
some notable Cities and Towns in
England, Scotland, and Wales.**

	Longitude.		Latitude.	
	Deg.	min.	Deg.	min.
Barnack	22	37	55	33
Bristol	21	41	52	52
Caermarthen	20	8	52	42
Carmarvan	20	8	53	15
Chester	21	40	53	32
Chichester	23	37	50	51
Colchester	25	35	52	0
Coveatry	22	45	52	42
Cockermouth	21	26	55	7
Cambridge	24	25	52	15
S ^t . Davids	19	13	52	17
Dover	25	44	51	10
S ^t . Edmonds-bury	24	37	52	27
Edenborough	23	50	56	15
Exeter	21	42	50	50
Flamborough	26	10	54	10
Glocester	22	11	52	10
Hereford	25	43	52	22
Lancaster	21	55	54	22
LONDON	24	20	51	32
Ludlow	21	46	52	43
Lyxard point	19	25	50	10
Manchester	22	0	53	42
Norwich	25	36	52	45
Oxford	23	26	51	47
Peterborough	24	0	52	40
Quinborough	25	16	51	32
Rye	25	10	51	0
Shrewsbury	21	47	53	0
South-hampton	22	58	50	10
Tinmouth	24	20	55	10
Walsingham	25	13	52	54
Worcester	23	12	52	30
Yarmouth	26	0	52	46
York	23	30	54	30

Swallow 1670.

A plain and easie Table shewing the true interest due upon any sum of money from five shillings to an hundred pounds for a year or under, after the rate of six pounds in the hundred.

	1 Mon.			3 Mon.			6 Mon.			9 Mon.			A year.		
	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.
1 Shill. 1	5	0	0	1	0	0	3	0	1	3	0	2	2	0	3
	10	0	0	2	0	1	3	0	3	2	0	5	2	0	7
	15	0	0	3	0	2	2	0	5	1	0	8	0	0	10
	1	0	1	0	0	3	2	0	7	0	0	10	2	0	12
	2	0	2	1	0	7	0	1	2	1	1	9	1	2	14
	3	0	3	2	0	10	2	1	9	1	2	7	3	3	16
	4	0	4	3	1	12	1	2	4	2	3	6	3	4	18
	5	0	6	0	1	6	0	3	0	0	4	6	0	6	20
	6	0	7	0	1	9	2	3	7	0	5	4	2	7	22
Pounds.	7	0	8	1	2	1	0	4	2	1	6	3	1	8	24
	8	0	9	2	2	4	2	4	9	1	7	1	3	9	26
	9	0	10	3	2	8	1	5	4	2	8	0	3	10	28
		po.	sh.	p.	po.	sh.	p.	po.	sh.	p.	po.	sh.	p.	po.	sh.
	10	0	1	0	0	3	0	0	6	0	0	9	0	0	12
	20	0	2	0	0	6	0	0	12	0	0	18	0	1	24
	30	0	3	0	0	9	0	0	18	0	1	7	0	1	36
	40	0	4	0	0	12	0	1	4	0	1	16	0	2	48
	50	0	5	0	0	15	0	1	10	0	2	5	0	3	60
Tens of pounds.	60	0	6	0	0	18	0	1	16	0	2	14	0	3	72
	70	0	7	0	1	1	0	2	2	0	3	3	0	4	84
	80	0	8	0	1	4	0	2	8	0	3	12	0	4	96
	90	0	9	0	1	7	0	2	14	0	4	1	0	5	108
	100	0	10	0	1	10	0	3	0	0	4	10	0	6	120

This

Smith's Almanack

This Table sheweth the length of the day in the first six moneths

	January	February	March	April	May	June
	ho. m.	ho. m.	ho. m.	ho. m.	ho. m.	ho. m.
1	7 54 9	3 2 11	20 13	26 15	24 18	23
2	7 56 9	3 8 11 01	24 13	30 15	28 16	26
3	7 58 9	3 38 11 01	28 13	34 15	20 16	27
4	7 59 9	3 48 11 01	32 13	38 15	24 16	28
5	7 59 9	3 48 11 01	36 13	42 15	26 16	29
6	7 59 9	3 48 11 01	40 13	46 15	30 16	30
7	7 59 9	3 48 11 01	44 13	50 15	34 16	31
8	7 59 9	3 48 11 01	48 13	54 15	38 16	32
9	7 59 9	3 48 11 01	52 13	58 15	42 16	33
10	7 59 9	3 48 11 01	56 13	62 15	46 16	34
11	7 59 9	3 48 11 01	60 13	66 15	50 16	35
12	7 59 9	3 48 11 01	64 13	70 15	54 16	36
13	7 59 9	3 48 11 01	68 13	74 15	58 16	37
14	7 59 9	3 48 11 01	72 13	78 15	62 16	38
15	7 59 9	3 48 11 01	76 13	82 15	66 16	39
16	7 59 9	3 48 11 01	80 13	86 15	70 16	40
17	7 59 9	3 48 11 01	84 13	90 15	74 16	41
18	7 59 9	3 48 11 01	88 13	94 15	78 16	42
19	7 59 9	3 48 11 01	92 13	98 15	82 16	43
20	7 59 9	3 48 11 01	96 13	102 15	86 16	44
21	7 59 9	3 48 11 01	100 13	106 15	90 16	45
22	7 59 9	3 48 11 01	104 13	110 15	94 16	46
23	7 59 9	3 48 11 01	108 13	114 15	98 16	47
24	7 59 9	3 48 11 01	112 13	118 15	102 16	48
25	7 59 9	3 48 11 01	116 13	122 15	106 16	49
26	7 59 9	3 48 11 01	120 13	126 15	110 16	50
27	7 59 9	3 48 11 01	124 13	130 15	114 16	51
28	7 59 9	3 48 11 01	128 13	134 15	118 16	52
29	7 59 9	3 48 11 01	132 13	138 15	122 16	53
30	7 59 9	3 48 11 01	136 13	142 15	126 16	54
31	7 59 9	3 48 11 01	140 13	146 15	130 16	55
32	7 59 9	3 48 11 01	144 13	150 15	134 16	56
33	7 59 9	3 48 11 01	148 13	154 15	138 16	57
34	7 59 9	3 48 11 01	152 13	158 15	142 16	58
35	7 59 9	3 48 11 01	156 13	162 15	146 16	59
36	7 59 9	3 48 11 01	160 13	166 15	150 16	60
37	7 59 9	3 48 11 01	164 13	170 15	154 16	61
38	7 59 9	3 48 11 01	168 13	174 15	158 16	62
39	7 59 9	3 48 11 01	172 13	178 15	162 16	63
40	7 59 9	3 48 11 01	176 13	182 15	166 16	64
41	7 59 9	3 48 11 01	180 13	186 15	170 16	65
42	7 59 9	3 48 11 01	184 13	190 15	174 16	66
43	7 59 9	3 48 11 01	188 13	194 15	178 16	67
44	7 59 9	3 48 11 01	192 13	198 15	182 16	68
45	7 59 9	3 48 11 01	196 13	202 15	186 16	69
46	7 59 9	3 48 11 01	200 13	206 15	190 16	70
47	7 59 9	3 48 11 01	204 13	210 15	194 16	71
48	7 59 9	3 48 11 01	208 13	214 15	198 16	72
49	7 59 9	3 48 11 01	212 13	218 15	202 16	73
50	7 59 9	3 48 11 01	216 13	222 15	206 16	74
51	7 59 9	3 48 11 01	220 13	226 15	210 16	75
52	7 59 9	3 48 11 01	224 13	230 15	214 16	76
53	7 59 9	3 48 11 01	228 13	234 15	218 16	77
54	7 59 9	3 48 11 01	232 13	238 15	222 16	78
55	7 59 9	3 48 11 01	236 13	242 15	226 16	79
56	7 59 9	3 48 11 01	240 13	246 15	230 16	80
57	7 59 9	3 48 11 01	244 13	250 15	234 16	81
58	7 59 9	3 48 11 01	248 13	254 15	238 16	82
59	7 59 9	3 48 11 01	252 13	258 15	242 16	83
60	7 59 9	3 48 11 01	256 13	262 15	246 16	84
61	7 59 9	3 48 11 01	260 13	266 15	250 16	85
62	7 59 9	3 48 11 01	264 13	270 15	254 16	86
63	7 59 9	3 48 11 01	268 13	274 15	258 16	87
64	7 59 9	3 48 11 01	272 13	278 15	262 16	88
65	7 59 9	3 48 11 01	276 13	282 15	266 16	89
66	7 59 9	3 48 11 01	280 13	286 15	270 16	90
67	7 59 9	3 48 11 01	284 13	290 15	274 16	91
68	7 59 9	3 48 11 01	288 13	294 15	278 16	92
69	7 59 9	3 48 11 01	292 13	298 15	282 16	93
70	7 59 9	3 48 11 01	296 13	302 15	286 16	94
71	7 59 9	3 48 11 01	300 13	306 15	290 16	95
72	7 59 9	3 48 11 01	304 13	310 15	294 16	96
73	7 59 9	3 48 11 01	308 13	314 15	298 16	97
74	7 59 9	3 48 11 01	312 13	318 15	302 16	98
75	7 59 9	3 48 11 01	316 13	322 15	306 16	99
76	7 59 9	3 48 11 01	320 13	326 15	310 16	100
77	7 59 9	3 48 11 01	324 13	330 15	314 16	101
78	7 59 9	3 48 11 01	328 13	334 15	318 16	102
79	7 59 9	3 48 11 01	332 13	338 15	322 16	103
80	7 59 9	3 48 11 01	336 13	342 15	326 16	104
81	7 59 9	3 48 11 01	340 13	346 15	330 16	105
82	7 59 9	3 48 11 01	344 13	350 15	334 16	106
83	7 59 9	3 48 11 01	348 13	354 15	338 16	107
84	7 59 9	3 48 11 01	352 13	358 15	342 16	108
85	7 59 9	3 48 11 01	356 13	362 15	346 16	109
86	7 59 9	3 48 11 01	360 13	366 15	350 16	110
87	7 59 9	3 48 11 01	364 13	370 15	354 16	111
88	7 59 9	3 48 11 01	368 13	374 15	358 16	112
89	7 59 9	3 48 11 01	372 13	378 15	362 16	113
90	7 59 9	3 48 11 01	376 13	382 15	366 16	114
91	7 59 9	3 48 11 01	380 13	386 15	370 16	115
92	7 59 9	3 48 11 01	384 13	390 15	374 16	116
93	7 59 9	3 48 11 01	388 13	394 15	378 16	117
94	7 59 9	3 48 11 01	392 13	398 15	382 16	118
95	7 59 9	3 48 11 01	396 13	402 15	386 16	119
96	7 59 9	3 48 11 01	400 13	406 15	390 16	120
97	7 59 9	3 48 11 01	404 13	410 15	394 16	121
98	7 59 9	3 48 11 01	408 13	414 15	398 16	122
99	7 59 9	3 48 11 01	412 13	418 15	402 16	123
100	7 59 9	3 48 11 01	416 13	422 15	406 16	124
101	7 59 9	3 48 11 01	420 13	426 15	410 16	125
102	7 59 9	3 48 11 01	424 13	430 15	414 16	126
103	7 59 9	3 48 11 01	428 13	434 15	418 16	127
104	7 59 9	3 48 11 01	432 13	438 15	422 16	128
105	7 59 9	3 48 11 01	436 13	442 15	426 16	129
106	7 59 9	3 48 11 01	440 13	446 15	430 16	130
107	7 59 9	3 48 11 01	444 13	450 15	434 16	131
108	7 59 9	3 48 11 01	448 13	454 15	438 16	132
109	7 59 9	3 48 11 01	452 13	458 15	442 16	133
110	7 59 9	3 48 11 01	456 13	462 15	446 16	134
111	7 59 9	3 48 11 01	460 13	466 15	450 16	135
112	7 59 9	3 48 11 01	464 13	470 15	454 16	136
113	7 59 9	3 48 11 01	468 13	474 15	458 16	137
114	7 59 9	3 48 11 01	472 13	478 15	462 16	138
115	7 59 9	3 48 11 01	476 13	482 15	466 16	139
116	7 59 9	3 48 11 01	480 13	486 15	470 16	140
117	7 59 9	3 48 11 01	484 13	490 15	474 16	141
118	7 59 9	3 48 11 01	488 13	494 15	478 16	142
119	7 59 9	3 48 11 01	492 13	498 15	482 16	143
120	7 59 9	3 48 11 01	496 13	502 15	486 16	144
121	7 59 9	3 48 11 01	500 13	506 15	490 16	145
122	7 59 9	3 48 11 01	504 13	510 15	494 16	146
123	7 59 9	3 48 11 01	508 13	514 15	498 16	147
124	7 59 9	3 48 11 01	512 13	518 15	502 16	148
125	7 59 9	3 48 11 01	516 13	522 15	506 16	149
126	7 59 9	3 48 11 01	520 13	526 15	510 16	150
127	7 59 9	3 48 11 01	524 13	530 15	514 16	151
128	7 59 9	3 48 11 01	528 13	534 15	518 16	152
129	7 59 9	3 48 11 01	532 13	538 15	522 16	153
130	7 59 9	3 48 11 01	536 13	542 15	526 16	154
131	7 59 9	3 48 11 01	540 13	546 15	530 16	155
132	7 59 9	3 48 11 01	544 13	550 15	534 16	156
133	7 59 9	3 48 11 01	548 13	554 15	538 16	157
134	7 59 9	3 48 11 01	552 13	558 15	542 16	158
135	7 59 9	3 48 11 01	556 13	562 15	546 16	159
136	7 59 9	3 48 11 01	560 13	566 15	550 16	160
137	7 59 9	3 48 11 01	564 13	570 15	554 16	161
138	7 59 9	3 48 11 01	568 13	574 15	558 16	162
139	7 59 9	3 48 11 01	572 13	578 15	562 16	163
140	7 59 9	3 48 11 01	576 13	582 15	566 16	164
141	7 59 9	3 48 11 01	580 13	586 15	570 16	165
142	7 59 9	3 48 11 01	584 13	590 15	574 16	166
143	7 59 9	3 48 11 01	588 13	594 15	578 16	167
144	7 59 9	3 48 11 01	592 13	598 15	582 16	168
145	7 59 9	3 48 11 01	596 13	602 15	586 16	169
146	7 59 9	3 48 11 01	600 13	606 15	590 16	170
147	7 59 9	3 48 11 01	604 13	610 15	594 16	171
148	7 59 9	3 48 11 01	608 13	614 15	598 16	172
149	7 59 9	3 48 11 01	612 13	618 15	602 16	173
150	7 59 9	3 48 11 01	616 13	622 15	606 16	174
151	7 59 9	3 48 11 01	620 13	626 15	610 16	175
152	7 59 9	3 48 11 01	624 13	630 15	614 16	176
153	7 59 9	3 48 11 01	628 13	634 15	618 16	177
154	7 59 9	3 48 11 01	632 13	638 15	622 16	178
155	7 59 9	3 48 11 01	636 13	642 15	626 16	179

Swallow 1670.

This Table sheweth the length of the day in the
fix last moneths of the year.

Days	July	August	Septemb.	Octob.	Novemb.	Decemb.
ho. m.	ho. m.	ho. m.	ho. m.	ho. m.	ho. m.	ho. m.
1	16 31 4	14 46 13	48 10	46 8	52 7	36
2	16 31 2	14 42 12	48 10	42 8	48 7	34
3	16 31 0	14 38 12	48 10	38 8	44 7	32
4	16 30 8	14 34 12	36 10	34 8	40 7	30
5	16 30 6	14 30 12	32 10	30 8	36 7	28
6	16 30 4	14 28 12	28 10	26 8	32 7	26
7	16 30 2	14 24 12	24 10	22 8	30 7	24
8	16 30 0	14 22 12	20 10	20 8	26 7	22
9	16 29 58	14 18 12	16 10	14 8	22 7	20
10	16 29 56	14 16 12	12 10	10 8	18 7	18
11	16 29 54	14 12 12	8 10	8 8	16 7	16
12	16 29 52	14 8 12	4 10	4 8	14 7	14
13	16 29 50	14 4 12	0 10	0 8	12 7	12
14	16 29 48	14 0 12	56 9	16 8	10 7	10
15	16 29 46	13 56 11	52 9	12 8	8 7	8
16	16 29 44	13 52 11	48 9	8 8	6 7	6
17	16 29 42	13 48 11	44 9	4 8	4 7	4
18	16 29 40	13 44 11	40 9	0 8	2 7	2
19	16 29 38	13 40 11	36 9	32 8	0 7	0
20	16 29 36	13 38 11	32 9	28 7	58 7	31
21	16 29 34	13 34 11	28 9	24 7	56 7	29
22	16 29 32	13 30 11	24 9	20 7	54 7	27
23	16 29 30	13 26 11	20 9	16 7	52 7	25
24	16 29 28	13 22 11	16 9	12 7	50 7	23
25	16 29 26	13 18 11	12 9	8 7	48 7	21
26	16 29 24	13 14 11	8 9	4 7	46 7	19
27	16 29 22	13 10 11	4 9	0 7	44 7	17
28	16 29 20	13 6 11	0 9	0 7	42 7	15
29	16 29 18	13 0 10	54 9	54 7	40 7	13
30	16 29 16	12 57 10	50 9	50 7	38 7	11
31	16 29 14	12 53 10	46 9	46 7	36 7	9

Other notes fit to be known.

NOte that sixty minutes make an hour. Forty five minutes make three quarters of an hour. Thirty minutes make half an hour. Fifteen minutes make a quarter of an hour. Twelve inches make a foot. Three feet, or 36 inches make a yard. Three feet nine inches, or 45 inches make an ell. Sixteen feet six inches make one pole or rod to measure land withall. Forty poles make one Furlong. Eight Furlongs make one mile. Five foot make a pace: 1000 such paces make an *Italian* mile, which is shorter by 280 foot then the *English* mile.

*Observations for Husbandmen,
and others.*

IN *January* take away superfluous branches from fruit-trees, and prepare your ground for gardens, uncover tree-roots, cut your vines in some of the twelve dayes.

Set quick-sets, rose, and sallots in the month of *Februarie*. And now cover up the roots of your trees with good earth, which you opened in the beginning of *January*.

In *March* you may graft; but in planting and grafting chuse a warm time; wherefore let not the wind be in the *East* or *North*, because such winds are commonly nipping, especially being helped by any aspect of the Moon, with *Saturn*

Smallpox

or *Venus*, in cold signes; as *Virgo*, *Capricorn*,
Taurus, *Scorpio*, *Pisces*, or *Cancer*.

In the end of *April*, or beginning of *May*,
set and sow tender herbs and seeds in your gar-
dens, in a good temperature of air.

If you mean to preserve flowers or seeds ga-
ther them in a full moon; let the sun shine fast
upon them, and they will keep the better. But
let them not be dried in the sun, lest the sun
draw away part of their virtue.

Remove young trees either in the end of
October, *November*, or *February*, the moon in-
creasing; and be sure to set that side south
which was south before; because it cannot en-
dure the cold north.

Shear sheep the moon increasing, and their
fleeces will grow the better again. The like ob-
serve for cutting of hair, the moon in *Taurus*,
Scorpio, or *Libra*.

Geld cattel the moon in *Aries*, *Sagittarius*,
Capricorn, being in her last quarter.

Gather all fruits that you mean to keep, in
a dry time when the moon is at the full.

Sow all such seeds as have round roots, (as
onions, leeks, turneps, &c.) either three or
four dayes before the full, or three or four
dayes after the full.

Printed by any of the

Swallow 16702

Of many and sundry Fairs in England, as
they have heretofore been set forth
by others, and are now continu-
ed for the common good.

January.

The 1 day at Hickerford in Lancashire: the 4 day at
Salisbury: the Thursday after at Banbury: the 25 at
Gravefend, Bristol, Churchingford, Northallerton in
Yorksh. every Wednesday from Christmas untill June.

February.

The first day at Bromly in Lancashire: the 1 day at
Reading in Barksh. Maidstone, Bicklesworth, Beckles-
field, Bath, Lin, Bugworth: the 3 day at Brogrove: on
Valentines day at Oundle in Northamptonshire, Fe-
versham: the 14 day at Henly upon Thames, Baldock,
on Ashwednesday at Royton, Dunstable, Eaton, Tam-
worth, Tunbridge, Lichfield, Excester, Ciceter: the first
Thursday in Lent at Banbury.

March.

The 3 day at Bromwel-braks in Norfolk: the 4 at
Bedford: the 12 at Alsome in Norfolk, Sudbury, Woo-
burn: the 13 at Wye, Bodwin in Cornwall: the 20 at
Durham: the Monday before our Ldy-day at Kendal,
Wisbich: the 25 day at Huntington, Northampton,
Malden, Ashwel in Hartfordshire, Newcastle: Midlent
at Saffron-Walden in Essex: Goodfriday at Norwich:
Palm Sunday-eve at Wisbich, Worcester, Pomfret.

April.

Easter-monday at Oney in Bedfordsh. Sainsborough:
Easter-tuesday at Duntry in Northampton: Goodmorn-
chester.

26
Swallow 1670.

chester, Schole in Norfolk, S. Edmonds bury: on Wednesday at Wellingborough in Northamptonsh. on Friday in the same week at Darby: on Saturday in Bickleworth: the 1 at Hitchen, Rochford, Northfleet: the 2 at Darby: the 9 at Billingworth, Bickleworth: the 11 at Stabford: the 13 at Ipwich. Harbin in Norfolk, Northampton, Sapsar in Hartfordsh. Charing, Hinningham, Tamworth, Lury in Lancashire, S. Pombs in Cornwall: the 17 at Dunmow in Essex, Oakham in Rutlandshire, Buckingham, Darby: the 19 at Tenderden in Kent, Cleet: the 30 at Beverly a week together.

May.

The first day at Haveril in Essex, Layton-buzzard in Huntingdonsh. Rippon in Yorksh. Reading, Maidstone, Tuxford in the clay: the 3 at Elbow in Bedfordsh. Nonceton in Warwicksh. Thedford in Norfolk, Chelmsford in Essex, Waltham-Abby, Hinningham, Rochdale, Bramyard: the 7 at Newton in Lancashire, Beverly, Oxford: the 10 at Rochester, Dunstable, Magfield in Suffolk: on Rogation-munday at Reach: on Ascension-day at Thaxted Beverly, Rippon, Sudminster, Bishopstropford, S. Eedes, Wickam in Lancashire, Middlewich in Chesh. Chappel-frith in Darbyshire: on Whitsun-eve at Skipton in Craven: on Whitsun-munday at S. Ives, Rygate in Surrey, Bickleworth, Bradford, Agmonsham in Buckinghamsh. on Whitsun-tuesday at Newmarket: on Wednesday at Royston: on Thursday at Oundle in Northamptonshire: the 16 day at Lenham: the 19 at Craibbrook.

June.

On Trinity-eve at Rowel, Kendal: on Corpus Christi at Binbury, Bishops-stratford, S. Eedes, Coventry, Newbury: the 9 at Maidstone: the 11 at Brom in Norfolk, Bardfield in Essex: the 17 at Huddock: the 19 at S. Albans.

Swallow 1670.

S. Albans, Deerham in Norfolk, Shrewsbury: the 14 at
Hailon in Suffolk, Barnwel beside Cambridge, Bedford,
Colchester, Rumford, Reading, Windsor, Halifax, Har-
ford, Beverly, Hallingden: the 16 at Bristol, Darby:
the 17 at Burton on Trent, Folfstone: the 18 at S. Pombs
in Cornwall: the 19 at Peterborough, Ashwell, Sudbury,
Stebbing, in Essex, Benington in Hertfordshire.

July.

The 1, 2, and 3 days at Congleton in Chesh. the 7
at Royfton, Burntwood: the Monday after at Fodring-
ham: the 11 at Partney for horses: the 10 at Uxbridge,
Coolidge, Woodstock, Barkway: the 11 at Ickleton,
Bickelworth, Norwich, Colchester: the 11 at Audly-
and beside Walden, Reading.

August.

The first day at Bedford, S. Eedes, Dunstable, Fever-
sham, Wisbich, Bickelworth, Stonistratford: the 10 at
Blackmore, Harply in Norfolk, Thaxted in Essex, St.
Ives, Bedford, Banbury, Farnham, Brainford: the 15 at
Cambridge, Huntingdon, Dunmow, Luten, Northam-
pton: the 14 at London, Sudbury, Norwich, Oxford,
Northampton, Dover, Beggars-bush, Burton: the 19 at
Hailon in Suffolk, Harlow-bush in Essex, Warford.

September.

The first day at S. Giles in the bush: on Thursday &
Friday next before the 8 day, at Sandbach in Chesh. the
7, 8, 9 and 10 days at Woodbury-hill in Dorsetsh. the 7
at Ware: the 8 at Huntingdon, Bury in Lancash, Part-
ney, Wakefield, Northampton, and Sturbridge fair be-
longing to Cambridge begins: the 14 at Rippon for hor-
ses, Waltham-Abbey, Chesterfield in Darbshire, Rich-
mond: the 11 day at Marleborough, Bedford, Baldoc,
S. Edmundsbury, Holden in Helderneß, Brainry, Brack-
lymaiden,

1. Maiden, Maiden, the 19 at S. Ives, Basingstoke, Market-deeping, Shelford in Bedfordshire, Bishopstoke, Maiden for horses, Stow in Lincolnshire; The day after at Banbury.

ORIGIN.

The 2 at Salisbury: the 6 at Havent in Hampshire, Maidston, Coolidge, Gayworth by Lin, S Faiths: 8 at Bishopstoke, Harborough: the 9 at Gainsborough in Lincolnsh. the 13 at Windsor, Colchester, Gravesend: the 18 day at Ely, Bishopstoke, net, Banbury, Thirt, Burton on Trent: the 21 at Saffron-Walden: the 23 at Bieleworth: the 24 at Newmarket, Dis in Norfolk, Wakefield, Richmond in Lancashire.

November.

The 1 day at Chelmsford: the 2 at Epping, Stone on Thames, Dadamhaston in Suffolk: the 6 at Newport pond, Bedford, Harford: the 11 at Lough in Norfolk, Lepton in Nottinghamshire, Hempton in Norfolk, Fockingham in Lincolnshire, Bridgeton in Northamptonsh. Marleborough: the 17 at Lough in Lincolnshire, Harlow, Lincoln, Northampton: the 19 at Horsham in Kent: the 20 at S. Edmondsbury, Ingershott in Essex: Heath: the 21 at Sandwich: the 23 at Baldor, Bareford, Kelling, rough, Maidenhead, Warrington, Rocheller.

December.

The 3 at Plucky: the 6 at S. Bades, Woodstock, Spalding, Norwich in Cheshire, at Exeter, Sedgely in Kent, Arundel, Grantham: the 7 at Sandhurst: 8 at Northampton, Clitheral in Lancashire, Houghton, Malpas in Cheshire: the 29 at Canterbury, Salisbury.

FINIS.